

WORK ORDER: 2011-22

Date Opened: 01 March 2011

Project: Mounting Beams (10 pairs, left)
Type: Eurocopter AS350/AS355 SeriesApproval: SH08-16
Drawing List: DCL786-3

Fabrication and Assembly Drawing(s)	Description
78633, Rev. 0	Aft Beam Fabrication
78634, Rev. 0	Forward Beam Fabrication

Complete material tracking information on attached pages.

Work Order pre-completion Inspection:

Project is on Approval Limitation Record:	<u>Y</u> ✓
Document Control List revision level matches (or exceeds) STC:	<u>Y</u> ✓
Drawings revision levels match Document Control List:	<u>Y</u> ✓
Purchase order or Work order source is recorded for each part/ass'y:	<u>Y</u> ✓
Tests and inspections specifically called out on drawings are complete:	<u>Y</u> ✓
Release tags associated with all fabricated parts are attached:	<u>Y</u> ✓
All mounting hardware and supplies are included:	<u>Y</u> ✓

List all non-conformities raised: _____

Welder Signature: _____ Date: _____

Inspector Signature: Off Clerk Date: 12 Aug 2011

Drawing: **78633 Revision 0**
 Assembly: **78633-01-01 Aft Beam Ass'y (LH)**
 Batch Quantity: **10**

Qty	Part #	Description	Material	P.O./W.O.	Checked
10	78633-01-02	Aft Beam Assembly (LH)			
. 1	78633-02	Tube	1x2x0.065 Tube, 304 Stainless Steel	11053	
. 4	78633-03	Guide	1x0.125 Bar, 304 Stainless Steel	11011	
. 1	78633-04	Upper Guide	1x2x0.12 Tube, 304 Stainless Steel	8098	
. 4	78633-05	Stop Bracket	0.75x0.065 Sqr. Tube, 304 Stainless Steel	10128	
. 1	78633-06	Cap	0.025" Sheet, 321 Stainless Steel	3021	
. 4	78630-04	Bushing	0.375 x 0.065 Tube, 304 Stainless Steel	11040	
. 1	82735-03	Tube	1.0 x 0.035 Tube, 316 Stainless Steel	10043	
. 1	82735-06	Cap	0.050 Sheet, 321 Stainless Steel	10037	

Processes	Per	Mat'ls Used	Initials
Welding	AMS 2685C	Welding Rod ER308L	
Powder Coat	Drawing 78633		
Final Inspection	Drawing 78633		

Tag incomplete parts with Work Order # when stored between processes.

Tag complete parts / assemblies with Release Tag prior to storage.

Drawing: **78634 Revision 0**
 Assembly: **78634-01-00 Beam Ass'y**
 Batch Quantity: **10**

Qty	Part #	Description	Material	P.O.W.O.	Checked
10	78634-01-00	Forward Beam Assembly			
. 1	78634-02	Tube	1x2x0.065 Tube, 304 Stainless Steel	11053	
. 5	78634-03	Pad	1x0.125 Bar, 304 Stainless Steel	11011	
. 1	78634-04	Cap	0.025" Sheet, 321 Stainless Steel	3021	
. 4	78630-04	Bushing	0.375 x 0.065 Tube, 304 Stainless Steel	11040	
. 2	69830-11	Guide	0.75 x 0.065 Tube, 304 Stainless Steel	9011	
. 2	69830-21	Stop	0.625 Rod, 6061-T6 Aluminum	10086	
. 2	69830-22	Knob	0.75 Rod, 6061-T6 Aluminum	10086	
. 2	69830-23	Spring	15mm x 70mm Spring, Stainless Steel	11041	
. 2		#10-32 C'sunk screw	Stainless Steel	9053	
. 2	MS21044C3	Nut		11028	

Processes	Per	Mat'ls Used	Initials
Welding	AMS 2685C	Welding Rod ER308L	
Powder Coat	Drawing 78634		
Final Inspection	Drawing 78634		

Tag incomplete parts with Work Order # when stored between processes.

Tag complete parts / assemblies with Release Tag prior to storage.

1. Approving Civil Aviation Authority/Country

Transport Canada

AUTHORIZED RELEASE CERTIFICATE FORM ONE

3. Form Tracking No.

4. Organization Name and Address

AERO Design Ltd. – 2013 39th Avenue NE, Calgary, Alberta, T2E 6R7

5. Work Order/Contract/Invoice

WO2011-22

6. Item	7. Description	8. Part Number	9. Qty.	10. Serial/Batch No.	11. Status/Work
1.	LH Aft Beam	78633-01-02	1	N/A	New
2.	Forward Beam	78634-01-00	1		

12. Remarks

13a. Certifies that the items identified above were manufactured in conformity to:

☒ Approved design data and are in condition for safe operation.☐ Non approved design data specified in block 12.14a. ☐ CAR 571.10 Maintenance Release☐ Other regulation specified in block 12

Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the Canadian Aviation Regulations.

13b. Signature

13c. Approved Organization Number

AMF 73-04

14b. Signature

14c. Approved Organization Number

13d. Name

Jeff Clarke

13e. Date (dd/mmm/yyyy)

12 Aug 2011

14d. Name

14e. Date (dd/mmm/yyyy)

Installer Responsibilities

This certificate does not constitute authority to install.

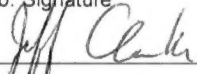
Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified.

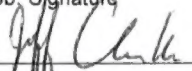
Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.

WHITE RIVER


HELICOPTER SPECIALIZED SERVICES

1. Approving Civil Aviation Authority/Country Transport Canada		AUTHORIZED RELEASE CERTIFICATE FORM ONE				3. Form Tracking No.	
4. Organization Name and Address AERO Design Ltd. – 2013 39th Avenue NE, Calgary, Alberta, T2E 6R7						5. Work Order/Contract/Invoice WO2011-22	
6. Item	7. Description	8. Part Number	9. Qty.	10. Serial/Batch No.	11. Status/Work		
1.	LH Aft Beam	78633-01-02	1				
2.	Forward Beam	78634-01-00	1	N/A	New		
12. Remarks							
13a. Certifies that the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non approved design data specified in block 12.				<div style="border: 1px solid black; padding: 5px;"> 14a. <input type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> Other regulation specified in block 12 Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the Canadian Aviation Regulations. </div>			
13b. Signature 		13c. Approved Organization Number AMF 73-04		14b. Signature		14c. Approved Organization Number	
13d. Name Jeff Clarke		13e. Date (dd/mmm/yyyy) 24 June 2011		14d. Name		14e. Date (dd/mmm/yyyy)	
Installer Responsibilities							
<p>This certificate does not constitute authority to install.</p> <p>Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified.</p> <p>Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.</p>							

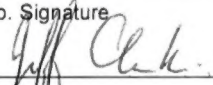
1. Approving Civil Aviation Authority/Country Transport Canada		2. AUTHORIZED RELEASE CERTIFICATE FORM ONE			3. Form Tracking No.	
4. Organization Name and Address AERO Design Ltd. – 2013 39th Avenue NE, Calgary, Alberta, T2E 6R7					5. Work Order/Contract/Invoice WO2011-22	
6. Item	7. Description	8. Part Number	9. Qty.	10. Serial/Batch No.	11. Status/Work	
1.	LH Aft Beam Ass'y	78633-01-02	1	N/A	New	
2.	Forward Beam Ass'y	78634-01-00	1			
12. Remarks						
13a. Certifies that the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non approved design data specified in block 12.				14a. <input type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> Other regulation specified in block 12 Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the Canadian Aviation Regulations.		
13b. Signature 		13c. Approved Organization Number AMF 73-04		14b. Signature		14c. Approved Organization Number
13d. Name Jeff Clarke		13e. Date (dd/mmm/yyyy) 27 May 2011		14d. Name		14e. Date (dd/mmm/yyyy)
<p style="text-align: center;">Installer Responsibilities</p> <p>This certificate does not constitute authority to install.</p> <p>Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified.</p> <p>Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.</p>						

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6. Item	7. Description	8. Part Number	9. Qty.	10. Serial/Batch No.	11. Status/Work
1.	LH Aft Beam Ass'y	78633-01-02	1	N/A	New
2.	Forward Beam Ass'y	78634-01-00	1		
12. Remarks					
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<input checked="" type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non approved design data specified in block 12.			Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the Canadian Aviation Regulations.		
13b. Signature 		13c. Approved Organization Number AMF 73-04		14b. Signature	
13d. Name Jeff Clarke		13e. Date (dd/mm/yyyy) 27 May 2011		14c. Approved Organization Number	
				14d. Name	
				14e. Date (dd/mm/yyyy)	
<p align="center">Installer Responsibilities</p> <p>This certificate does not constitute authority to install.</p> <p>Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified.</p> <p>Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.</p>					


VORTEX


1. Approving Civil Aviation Authority/Country Transport Canada		AUTHORIZED RELEASE CERTIFICATE FORM ONE			3. Form Tracking No.	
4. Organization Name and Address AERO Design Ltd. – 2013 39th Avenue NE, Calgary, Alberta, T2E 6R7					5. Work Order/Contract/Invoice WO2011-22	
6. Item	7. Description	8. Part Number	9. Qty.	10. Serial/Batch No.	11. Status/Work	
1.	LH Aft Beam Ass'y	78633-01-02	1	N/A	New	
2.	Forward Beam Ass'y	78634-01-00	1			
12. Remarks						
13a. Certifies that the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non approved design data specified in block 12.				 14a. <input type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> Other regulation specified in block 12 Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the Canadian Aviation Regulations. 		
13b. Signature 		13c. Approved Organization Number AMF 73-04		14b. Signature		14c. Approved Organization Number
13d. Name Jeff Clarke		13e. Date (dd/mmm/yyyy) 27 May 2011		14d. Name		14e. Date (dd/mmm/yyyy)
Installer Responsibilities						
This certificate does not constitute authority to install. Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified. Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.						

TRANS. NORTH


1. Approving Civil Aviation Authority/Country Transport Canada		AUTHORIZED RELEASE CERTIFICATE FORM ONE			3. Form Tracking No.
4. Organization Name and Address AERO Design Ltd. – 2013 39th Avenue NE, Calgary, Alberta, T2E 6R7				5. Work Order/Contract/Invoice WO2011-22	
6. Item	7. Description	8. Part Number	9. Qty.	10. Serial/Batch No.	11. Status/Work
1.	LH Aft Beam	78633-01-02	1	N/A	New
2.	Forward Beam	78634-01-00	1		
12. Remarks					
13a. Certifies that the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non approved design data specified in block 12.			 14a. <input type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> Other regulation specified in block 12 Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the Canadian Aviation Regulations. 		
13b. Signature 		13c. Approved Organization Number AMF 73-04		14b. Signature	
13d. Name Jeff Clarke		13e. Date (dd/mm/yyyy) 27 May 2011		14c. Approved Organization Number	
				14d. Name	
				14e. Date (dd/mm/yyyy)	
Installer Responsibilities					
This certificate does not constitute authority to install. Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified. Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.					

HELI TRANS PORT

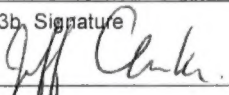
1. Approving Civil Aviation Authority/Country Transport Canada		AUTHORIZED RELEASE CERTIFICATE FORM ONE			3. Form Tracking No.
4. Organization Name and Address AERO Design Ltd. – 2013 39th Avenue NE, Calgary, Alberta, T2E 6R7				5. Work Order/Contract/Invoice WO2011-22	
6. Item	7. Description	8. Part Number	9. Qty.	10. Serial/Batch No.	11. Status/Work
1.	LH Aft Beam	78633-01-02	1	N/A	New
2.	Forward Beam	78634-01-00	1		
12. Remarks					
13a. Certifies that the items identified above were manufactured in conformity to:			14a. <input type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> Other regulation specified in block 12		
<input checked="" type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non approved design data specified in block 12.			Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the Canadian Aviation Regulations.		
13b. Signature	13c. Approved Organization Number		14b. Signature	14c. Approved Organization Number	
	AMF 73-04				
13d. Name	13e. Date (dd/mmm/yyyy)		14d. Name	14e. Date (dd/mmm/yyyy)	
Jeff Clarke	09 May 2011				
Installer Responsibilities					
<p>This certificate does not constitute authority to install.</p> <p>Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified.</p> <p>Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.</p>					

1. Approving Civil Aviation Authority/Country Transport Canada		2. AUTHORIZED RELEASE CERTIFICATE FORM ONE			3. Form Tracking No.
4. Organization Name and Address AERO Design Ltd. – 2013 39th Avenue NE, Calgary, Alberta, T2E 6R7					5. Work Order/Contract/Invoice WO2011-22
6. Item	7. Description	8. Part Number	9. Qty.	10. Serial/Batch No.	11. Status/Work
1.	LH Aft Beam	78633-01-02	1		
2.	Forward Beam	78634-01-00	1	N/A	New
12. Remarks					
13a. Certifies that the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non approved design data specified in block 12.			14a. <input type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> Other regulation specified in block 12 Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the Canadian Aviation Regulations.		
13b. Signature 		13c. Approved Organization Number AMF 73-04		14b. Signature	
13d. Name Jeff Clarke		13e. Date (dd/mm/yyyy) 05 May 2011		14c. Approved Organization Number	
				14d. Name	
				14e. Date (dd/mm/yyyy)	
Installer Responsibilities					
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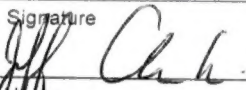
ECL/CAP 1012

1. Approving Civil Aviation Authority/Country Transport Canada		AUTHORIZED RELEASE CERTIFICATE FORM ONE			3. Form Tracking No.
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1.	LH Aft Beam	78633-01-02	1		
2.	Forward Beam	78634-01-00	1	N/A	New
12. Remarks					
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13b. Signature 		13c. Approved Organization Number AMF 73-04		14b. Signature 14c. Approved Organization Number	
13d. Name Jeff Clarke		13e. Date (dd/mmm/yyyy) 05 May 2011		14d. Name 14e. Date (dd/mmm/yyyy)	
Installer Responsibilities This certificate does not constitute authority to install. Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified. Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.					

BAILEY

1. Approving Civil Aviation Authority/Country Transport Canada		AUTHORIZED RELEASE CERTIFICATE FORM ONE			3. Form Tracking No.
4. Organization Name and Address AERO Design Ltd. – 2013 39th Avenue NE, Calgary, Alberta, T2E 6R7				5. Work Order/Contract/Invoice WO2011-22	
6. Item	7. Description	8. Part Number	9. Qty.	10. Serial/Batch No.	11. Status/Work
1.	LH Aft Beam	78633-01-02	1	N/A	New
2.	Forward Beam	78634-01-00	1		
12. Remarks					
13a. Certifies that the items identified above were manufactured in conformity to:			14a. <input type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> Other regulation specified in block 12		
<input checked="" type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non approved design data specified in block 12.			Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the Canadian Aviation Regulations.		
13b. Signature 		13c. Approved Organization Number AMF 73-04		14b. Signature	
13d. Name Jeff Clarke		13e. Date (dd/mmm/yyyy) 15 Apr 2011		14c. Approved Organization Number	
				14d. Name	
				14e. Date (dd/mmm/yyyy)	
<p align="center">Installer Responsibilities</p> <p>This certificate does not constitute authority to install.</p> <p>Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified.</p> <p>Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.</p>					

LAKES HORE

1. Approving Civil Aviation Authority/Country Transport Canada		2. AUTHORIZED RELEASE CERTIFICATE FORM ONE			3. Form Tracking No.
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6. Item	7. Description	8. Part Number	9. Qty.	10. Serial/Batch No.	11. Status/Work
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<input type="checkbox"/> Non approved design data specified in block 12.			Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the Canadian Aviation Regulations.		
13b. Signature 		13c. Approved Organization Number AMF 73-04		14b. Signature	
13d. Name Jeff Clarke		13e. Date (dd/mmm/yyyy) 19 Sep 2012		14c. Approved Organization Number	
				14d. Name	
				14e. Date (dd/mmm/yyyy)	
Installer Responsibilities					
This certificate does not constitute authority to install.					
Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified.					
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G110